

...for the Tony Block - Matawinie Project

GATINEAU, QUEBEC--(Marketwired - Feb 23, 2016) - [Nouveau Monde Mining Enterprises Inc.](#) ("Nouveau Monde") (TSX VENTURE:NOU)(OTC PINK:NMGRF)(FRANKFURT:NM9) is pleased to report the results of a first Mineral Resource Estimate, completed in accordance with the Canadian Institute of Mining, Metallurgy and Petroleum (CIM) Standards on Mineral Resources and Reserves, covering the West Zone of the Tony block, Matawinie graphite property (Table 1). The Matawinie project is located in the Saint-Michel-des-Saints area, some 130 km north of Montreal, Quebec, Canada. The Mineral Resource Estimate for the South-East and South-West zones was previously discussed in the news release dated December 15, 2015.

Table 1. Mineral Resource Estimate⁽¹⁾ for the West Zone and the combined Mineral Resource Estimate⁽¹⁾ for the South-East and South-West Zones of the Tony Block.

Mineralized Zone	Mineral Resource Category ⁽²⁾⁽⁷⁾⁽⁸⁾	Tonnage (Mt)	Grade (% Cg) ⁽³⁾
West ⁽⁵⁾	Indicated	22.3	4.25
	Inferred ⁽⁴⁾	15.5	4.59
South-East & South-West ⁽⁶⁾	Indicated	26.3	3.73
	Inferred ⁽⁴⁾	19.2	3.67
Tony Block - Total Resource	Indicated	48.6	3.97
	Inferred ⁽⁴⁾	34.7	4.08

⁽¹⁾ The Mineral Resources provided in this table were estimated using current Canadian Institute of Mining, Metallurgy and Petroleum (CIM) Standards on Mineral Resources and Reserves, Definitions and Guidelines.

⁽²⁾ Mineral resources that are not mineral reserves have not demonstrated economic viability. Additional trenching and/or drilling will be required to convert Inferred and Indicated Mineral Resources to Measured Mineral Resources.

⁽³⁾ All analyses were performed by ALS Minerals Laboratories and delivered as graphitic carbon ("Cg"), internal analytical code C-IR18.

⁽⁴⁾ Inferred Mineral Resources represent material that is considered too speculative to be included in economic evaluations. Additional trenching and/or drilling will be required to convert Inferred Mineral Resources to Indicated or Measured Mineral Resources.

⁽⁵⁾ New preliminary Mineral Resource Estimate.

⁽⁶⁾ Preliminary Mineral Resource Estimate published in the December 15, 2015 news release.

⁽⁷⁾ Mineral Resources are stated at a cut-off of 2.5% Cg.

⁽⁸⁾ Mineral Resource Estimate is limited by a depth of 100 m and the exclusion of a 60 m buffer zone around the lakes providing a maximum pit slope of 55 degrees.

The graphite Mineral Resource Estimate presented here was prepared by Yvan Bussieres, P.Eng. (Quebec) and Antoine Yassa, P.Geo. (Quebec and Ontario), both independent Qualified Persons. A Technical Report prepared in accordance with NI 43-101 guidelines will be filed on SEDAR within 45 days of this release.

The following files may be downloaded to support the reading of the paragraphs below:

• Property map: [Click here](#)

• Map of the West Zone: [Click here](#)

• Interactive 3D model of the graphitic mineralization in the West zone (to be visualized in Adobe Acrobat Reader for full 3D features): [Click here](#)

West Zone Data Sources and Estimation Methods

The Mineral Resource Estimate on the West Zone is based on 26 core drill holes totalling 4364.9 metres and ranging in length from 68.1 m to 253.4 m (see press release dated February 11, 2016). Samples collected from a 57 m-long trench on the West Zone (see press release dated September 23, 2014) were also used in the process. In all, seven mineralized horizons encased in paragneiss units were interpreted and modelled from this data.

The block model for the West Zone was developed with Geovia's GEMS software, using the ID⁽²⁾ method of interpolation, as well as different search ellipses. The blocks used for the modelling are 5 m long by 5 m wide by 5 m high, and a single density value of 2.76 t/m³ was used. The depth of the model was limited to 100 metres (or 435 m ASL). A cut-off grade of 2.5% Cg was also applied to the model. These two limits are reflected in the constrained Mineral Resource Estimate for the West Zone, even though mineralization is known to be open at depth. This Mineral Resource Estimate is not considered to be a Mineral Reserve Estimate as an economic assessment has yet to be performed to demonstrate economic viability. The table below

(Table 2) lists the tonnage against various cut-off grades.

Table 2. West Zone graphite Resource Estimate using various cut-off grades.

Indicated Category ⁽³⁾			
Cut-Off Grade (% Cg)	Tonnage (t) ⁽¹⁾	Grade (% Cg)	Graphite Content (t)
5.00	3,645,000	5.45	198,630
3.00	21,240,000	4.32	918,680
2.75	21,885,000	4.28	937,210
2.50 ⁽²⁾	22,330,000	4.25	948,940
2.25	22,515,000	4.23	953,430
2.00	22,580,000	4.23	954,800
1.75	22,620,000	4.22	955,590
1.50	22,650,000	4.22	956,020
1.25	22,670,000	4.22	956,330
1.00	22,690,000	4.22	956,570
Inferred Category ⁽³⁾			
Cut-Off Grade (% Cg)	Tonnage (t) ⁽¹⁾	Grade (% Cg)	Graphite Content (t)
5.00	5,560,000	5.59	310,940
3.00	15,170,000	4.63	702,350
2.75	15,450,000	4.60	710,390
2.50 ⁽²⁾	15,530,000	4.59	712,600
2.25	15,550,000	4.59	713,080
2.00	15,560,000	4.58	713,310
1.75	15,575,000	4.58	713,560
1.50	15,615,000	4.57	714,230
1.25	15,625,000	4.57	714,330
1.00	15,625,000	4.57	714,330

⁽¹⁾ A single density of 2.76 t/m³ was used in the model and tonnage is rounded.

⁽²⁾ A cut-off grade of 2.5% Cg was used in the present Resource Estimate.

⁽³⁾ The Mineral Resource Estimate model is limited to a depth of 100 metres.

Quality Assurance / Quality Control

All quality control information on samples used to determine the Mineral Resource Estimate presented here is available in the press releases referenced in the "West Zone Data Sources and Estimation Methods" paragraph above.

The technical information pertaining to the Mineral Resource Estimate in this news release was prepared by Yvan Bussi eres, P.Eng., and Antoine Yassa, P.Geo., independent Qualified Persons as defined by National Instrument 43-101 guidelines.

This news release was reviewed by Antoine Cloutier, P. Geo., chief geologist for Nouveau Monde and a Qualified Person under National Instrument 43-101 guidelines.

Neither the TSX-V nor its Regulation Services Provider (as that term is defined in the policies of the TSX-V) has in any way passed upon the merits of the proposed transaction or approved or disapproved the contents of this press release.

Except for historical information contained herein, this news release contains forward-looking statements that involve risks and uncertainties. Actual results may differ materially from those anticipated by such statements. Nouveau Monde will not update these forward-looking statements to reflect events or circumstances after the date hereof. More detailed information about potential factors that could affect financial results is included in the documents filed from time to time with the Canadian securities regulatory authorities by Nouveau Monde.

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